



CITY OF MOUNTAIN VIEW

MUNICIPAL OPERATIONS CENTER

Telephone: (415) 966-6329

231 North Whisman Road

Post Office Box 7540

Mountain View, CA 94039

March 20, 1989

Mr. William E. Lewis, On-Scene Coordinator
United States Environmental Protection Agency
Region IX
215 Fremont Street
San Francisco, California 94105

**RE: TEMPORARY INDUSTRIAL WASTE DISCHARGE PERMIT: [1] 231
NORTH WHISMAN ROAD, and [2] 42 SHERLAND AVENUE**

Dear Mr. Lewis:

Enclosed is the industrial waste discharge permit you requested. Please review it and advise me if there are any errors. Please complete the included certification addendum and return to me at your earliest convenience. The certification addendum included with your letter of application was not filled out completely (see enclosure). This permit is not valid until the certification addendum, complete with signature, is returned to me.

Please note the additional requirements added to your traffic plan by the City traffic engineer (see sheet detailing traffic plan).

I believe the permit is self explanatory. If you have any questions or if I can be of any assistance, please call me at (415) 966-6329.

Sincerely,

Russ Frazer
Industrial Waste Discharge Specialist

cc: Utilities Director

Enclosure

CITY OF MOUNTAIN VIEW

IONS CENTER

29

231 North Whisman Road
Post Office Box 7540
Mountain View, CA 94039

Russ Frazet
INDUSTRIAL WASTE INSPECTOR
WATER DIVISION

231 NORTH WHISMAN ROAD
PHONE: 966-6329

CITY OF MOUNTAIN VIEW
CALIFORNIA

INDUSTRIAL WASTE DISCHARGE PERMIT CERTIFICATION ADDENDUM

PERMIT NUMBER
89002

Protection Agency

Point of discharge: San Francisco, CA 94105

Contact person: William E. Lewis, OSC

Telephone: (415) 974-7464

I certify that the exceptional industrial wastes for which the attached industrial waste discharge permit is issued do not and will not constitute "hazardous waste" under chapter 6.5 of the State of California Health and Safety Code (sections 25115 and 25117) and Title 22 of the State of California Administrative Code (sections 66680 through and including 66746) at the point of discharge into the City of Mountain View sanitary sewer collection system. I am personally qualified to make this certification or I have consulted with a professional who is qualified to make this certification.

— please check applicable box.

- ☐ 1. I am a principal executive officer of at least the level of vice-president if the permittee is a corporation.
- ☐ 2. I am a general partner or proprietor if the permittee is a partnership or sole proprietorship respectively.
- ☒ 3. I am a duly authorized representative of the individual designated in box 1 or box 2 (above) if such representative has overall responsibility for the discharges permitted in the attached industrial waste discharge permit.

William E. Lewis
Signature of official listed above

On-Scene Coordinator
Title of official listed above

15 Mar 89
Date

2. Please complete the following if box 3 (above) was checked:

Signature of official described in
box 1 or 2 authorizing official
listed above (box 3)

Title of official described in box
1 or 2 authorizing official listed
above (box 3)

Date



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Post Office Box 7540

Mountain View, CA 94039

INDUSTRIAL WASTE DISCHARGE PERMIT

"It shall be unlawful for any person or organization to discharge or cause to be discharged any industrial wastes whatsoever directly or indirectly into the sewer system without first obtaining a permit for industrial wastes discharge. The Director of Utilities may establish an appropriate fee for such permits. Furthermore, it shall be unlawful for any person to discharge any industrial wastes in excess of the quantity or quality limitations set by this chapter or by a permit for industrial wastes discharges."

[City of Mountain View Municipal Code, section 35.32.1a]

The City of Mountain View (City) hereby issues this permit for the temporary discharge of ground water contaminated with organic solvents and/or other exceptional industrial wastes into the City sanitary sewer collection system subject to the regulations and conditions identified below and in all attachments.

PERMITTEE

PERMIT NUMBER

Name: United States Environmental Protection Agency
Address: 215 Fremont Street, San Francisco, California 94105
Address(s) at point of discharge: [1] 231 North Whisman Road, [2] 42 Sherland Avenue
Contact person: William E. Lewis, On-Scene Coordinator
Telephone: (415) 974-7464

89002

EFFECTIVE DATES OF THIS PERMIT

Beginning date: March 7, 1989
Expiration date: March 31, 1989

ATTACHMENTS REFERRED TO WITHIN AND INCLUDED AS PART OF THIS PERMIT

1. Letter of application (12 pages) dated February 15, 1989.
2. Certification addendum.
3. Approved traffic control plan.
4. Letter of correction (2 pages) dated March 16, 1989.

CITY CONTACT

Contact person: Russ Frazer, Industrial Waste Discharge Specialist
Mailing address: City of Mountain View

231 North Whisman Road
Mtn. View, California 94043

Telephone: 415-966-6329 during normal business hours.

EMERGENCY

911: If, outside of normal business hours, a City representative must be contacted, call the City's emergency communications center at 911 and have them page the City contact person.

FEES AND CHARGES

1. The permittee shall pay the City for discharges into the City sanitary sewer at the rate established at the time of billing for such discharges. Quantities used for billing purposes shall be determined by the City using quantities discharged as reported by the permittee. Billings shall be made per calendar quarter.
2. The permittee shall pay for any damages to the City sanitary sewer and/or the Palo Alto Regional Water Quality Control Plant that the discharging of industrial wastewater may cause.

PERMIT CONDITIONS

1. The City reserves the right to modify at any time the terms and conditions of this permit or the discharge quantity and/or quality concentration limits authorized herein. The permittee shall comply with the City of Mountain View Industrial Waste Ordinance for all discharges into the City sanitary sewer except as specifically modified herein.
2. This permit creates no vested rights of any type whatsoever for discharge to or sewerage capacity in the City sanitary sewer.
3. The industrial wastewater discharge permitted herein is a secondary use discharge which may be accepted on a capacity available basis. Such discharge is subject to reduction, modification or termination at any time by the City.
4. The permittee shall obtain any and all permits required for connection to the City sanitary sewer. Such connection shall be subject to the approval of the City building inspector.

GROUNDS FOR REVOCATION OF PERMIT

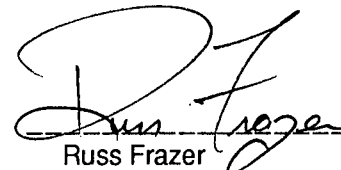
1. Noncompliance with any requirements or conditions of this permit or the City of Mountain View Industrial Waste Ordinance.
2. A sampling analysis that indicates concentrations, volumes or parameters that are in violation of this permit or any other applicable local, State or Federal regulation not specifically modified by this permit.
3. Failure to make timely payment of all fees and charges.

PAYMENT OF FEES

Total fees: \$28.56
Total paid: \$28.56
Receipt number: 61626

PERMIT APPROVAL

This permit is approved on this day, **Tuesday, March 7, 1989.**



Russ Frazer
Industrial Waste Discharge Specialist

cc: Utilities Director, PARWQCP - Doris Maez



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION IX

215 Fremont Street
San Francisco, Ca. 94105

RECEIVED - M.O.C.
MAR 17 1989

16 MAR 1989


Mr. Russ Frazer
City of Mountain View
231 North Whisman Road
Post Office Box 7540
Mountain View, CA 94039

Dear Mr. Frazer:

This letter is in reference to Industrial Waste Discharge Permit Number 89002 which, due to a communication error, was recently issued to Riedel Environmental Services Inc. The Permit should in fact be issued to the US Environmental Protection Agency rather than to Riedel, our prime contractor on this project. Please correct your records to reflect this change.

I have also enclosed a signed copy of the Certification Addendum which should complete your records. Please feel free to call me at (415) 974-7464 if you have any further questions regarding this permit.

Sincerely,


William E. Lewis
On-Scene Coordinator

Encl



CITY OF MOUNTAIN VIEW

MUNICIPAL OPERATIONS CENTER

Telephone: (415) 966-6329

231 North Whisman Road

Post Office Box 7540

Mountain View, CA 94039

INDUSTRIAL WASTE DISCHARGE PERMIT

CERTIFICATION ADDENDUM

PERMIT NUMBER
89002

1. Name: U.D. Environmental Protection Agency
Address: 215 Fremont St.
Address at point of discharge: San Francisco, CA 94105
Contact person: William E. Lewis, OSC
Telephone: (415) 974-7464

I certify that the exceptional industrial wastes for which the attached industrial waste discharge permit is issued do not and will not constitute "hazardous waste" under chapter 6.5 of the State of California Health and Safety Code (sections 25115 and 25117) and Title 22 of the State Of California Administrative Code (sections 66680 through and including 66746) at the point of discharge into the City of Mountain View sanitary sewer collection system. I am personally qualified to make this certification or I have consulted with a professional who is qualified to make this certification.

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William E. Lewis
Signature of official listed above

On-Scene Coordinator
Title of official listed above

15 Mar 89
Date

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Signature of official described in
box 1 or 2 authorizing official
listed above (box 3)

Title of official described in box
1 or 2 authorizing official listed
above (box 3)

Date

RECEIVED - M.O.C.

FEB 17 1989



RIEDEL ENVIRONMENTAL
SERVICES, INC.

San Francisco Region:
4138 Lakeside Drive
Richmond, California 94806
(415) 222-7810
FAX: (415) 222-6868

February 15, 1989

Mr. Russ Frazier
City of Mountain View
231 North Whisman Road
Mountain View, CA 94039

Reference: Mountain View Well Abandonments
RES Project No. 9786

Dear Mr. Frazier:

As per discussions between you and Mr. Don Woody of Ecology and Environment, Inc. (E&E), please find enclosed information regarding the abandonment of the Silva Well and the Parks and Recreation Well, both located in Mountain View, California. The following information is enclosed:

- o Estimate of total quantity of discharge water.
- o Estimate of date and time of intended discharge.
- o Discharge rate.
- o Location maps.
- o Analytical results from a State-certified laboratory.
- o Traffic plan.

Payment for the discharge will be provided by Riedel Environmental Services, Inc. (RES) at the quoted rate of \$1.06 per 100 cubic feet of discharge.

If you require any additional information, or have any question, please do not hesitate to contact us.

Sincerely,

RIEDEL ENVIRONMENTAL SERVICES, INC.

A handwritten signature in black ink, appearing to read 'Donald Montgomery', is written over the company name.

Donald Montgomery
Operations Manager

DM/hav
Enclosure

INFORMATION RE THE MOUNTAIN VIEW WELL ABANDONMENTS

- need data on how this figure was derived. (OK)*
- o Estimated total quantity of discharge water (estimated by E&E): 20,000 gallons or 2,666 cubic feet.
 - o Date and times of intended discharge: (dependent upon when subcontractors will be able to complete job) 2/27/89 through 3/15/89, from 0800 hours to 1700 hours. (OK)
 - o Discharge rate: approximately 20 gallons per minute (gpm). (OK)
 - o Maps indicating work site and discharge locations is attached. (OK)
 - o Analytical results from a State-certified lab performed on samples collected by E&E from the discharge water by EPA Methods 601 and 602 (see attached). (OK)
 - o Traffic Plan:

The water will be discharged during three separate instances: once at each well during the cementing phase of the operations; and once decanting the cuttings container located at 42 Sherland Street. The discharge from the Silva Well will be directed into the cleanout at the end of the driveway hence; no traffic will be impeded. At the Parks and Recreation well, located at 231 North Whisman near City of Mountain View Maintenance Building, the hose directing the flow will be placed in the street only during discharge and will be collected when not in use. When the hose is in use, the hose area will be cordoned off and someone will direct traffic.

need TE approval. (OK) re comments

need check. (OK)

$$\text{Total Volume of Well} = \pi r^2 L$$

$$\text{Silva Well} = \pi (5/12)^2 465 = 254 \text{ ft}^3 \text{ of discharge}$$

$$\text{Parks Well} = \pi (5/12)^2 354 = \underline{195 \text{ ft}^3 \text{ of discharge}}$$

$$\text{Total Discharge Per Purge} = 449 \text{ ft}^3$$

$$\text{Estimated Total Number of Purges} = 6$$

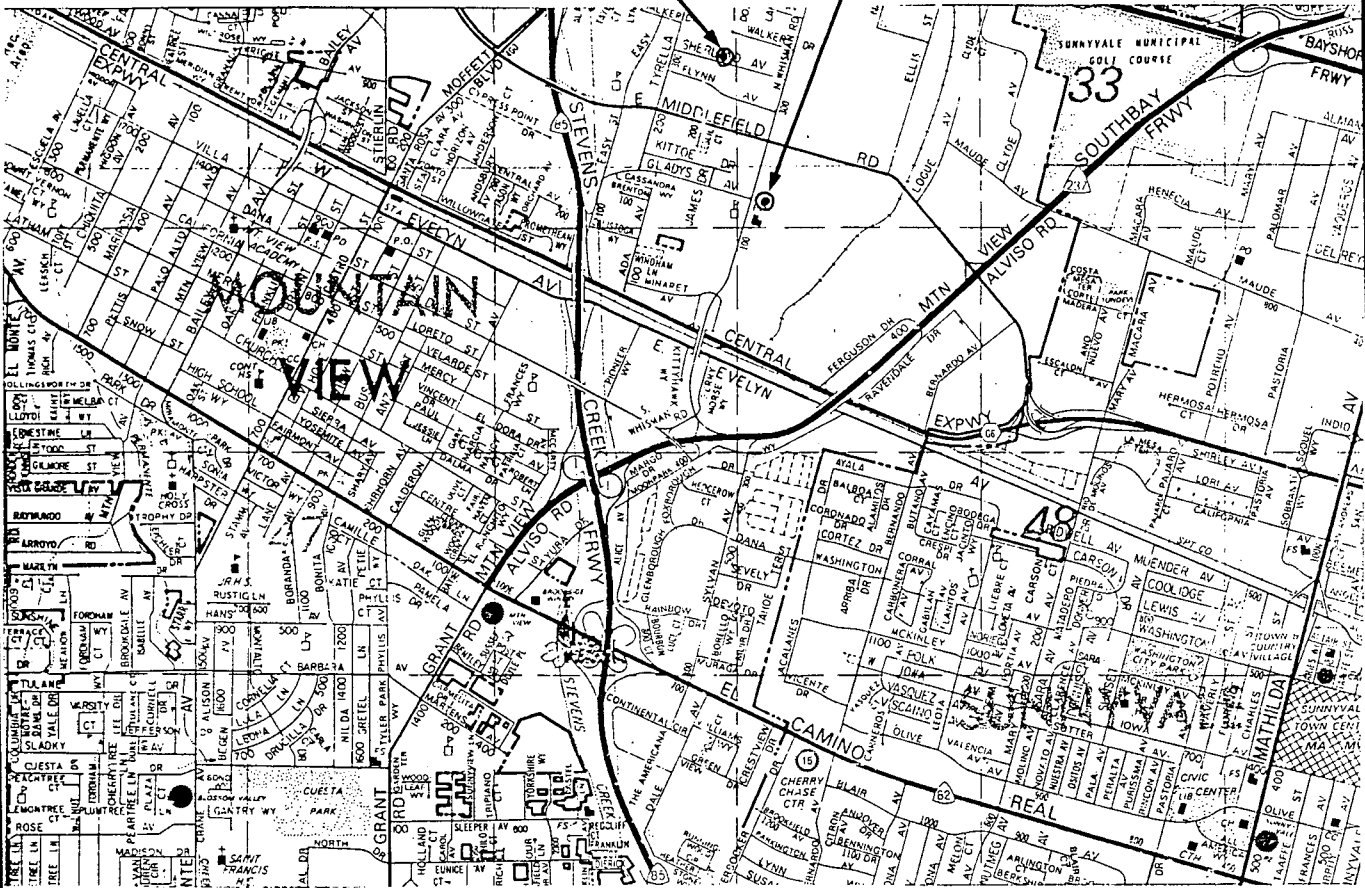
$$\text{Total discharge for entire project} = 6 \times 449 \text{ ft}^3 = 2694 \text{ ft}^3$$

$$\text{Discharge Fee} = 2694 \text{ ft}^3 \times (\$1.06 \text{ per } 100 \text{ ft}^3) = \$28.56$$

OK

SILVA WELL

PARKS AND RECREATION WELL



WELL LOCATION MAP



RIEDEL ENVIRONMENTAL
SERVICES, INC.

MOUNTAIN VIEW WELL ABANDONMENT

DRAWN BY	<i>[Signature]</i>	CHK'D / DATE		DRAWING NO.	1
DATE	2-15-89	APPR. / DATE		PROJECT NO.	9786

42 SHERLAND

HOUSE

HOUSE

DRIVEWAY

SILVA WELL



CLEANOUT
TO SEWER

GRAVEL PARKING

SHERLAND STREET



SILVA WELL LOCATION MAP

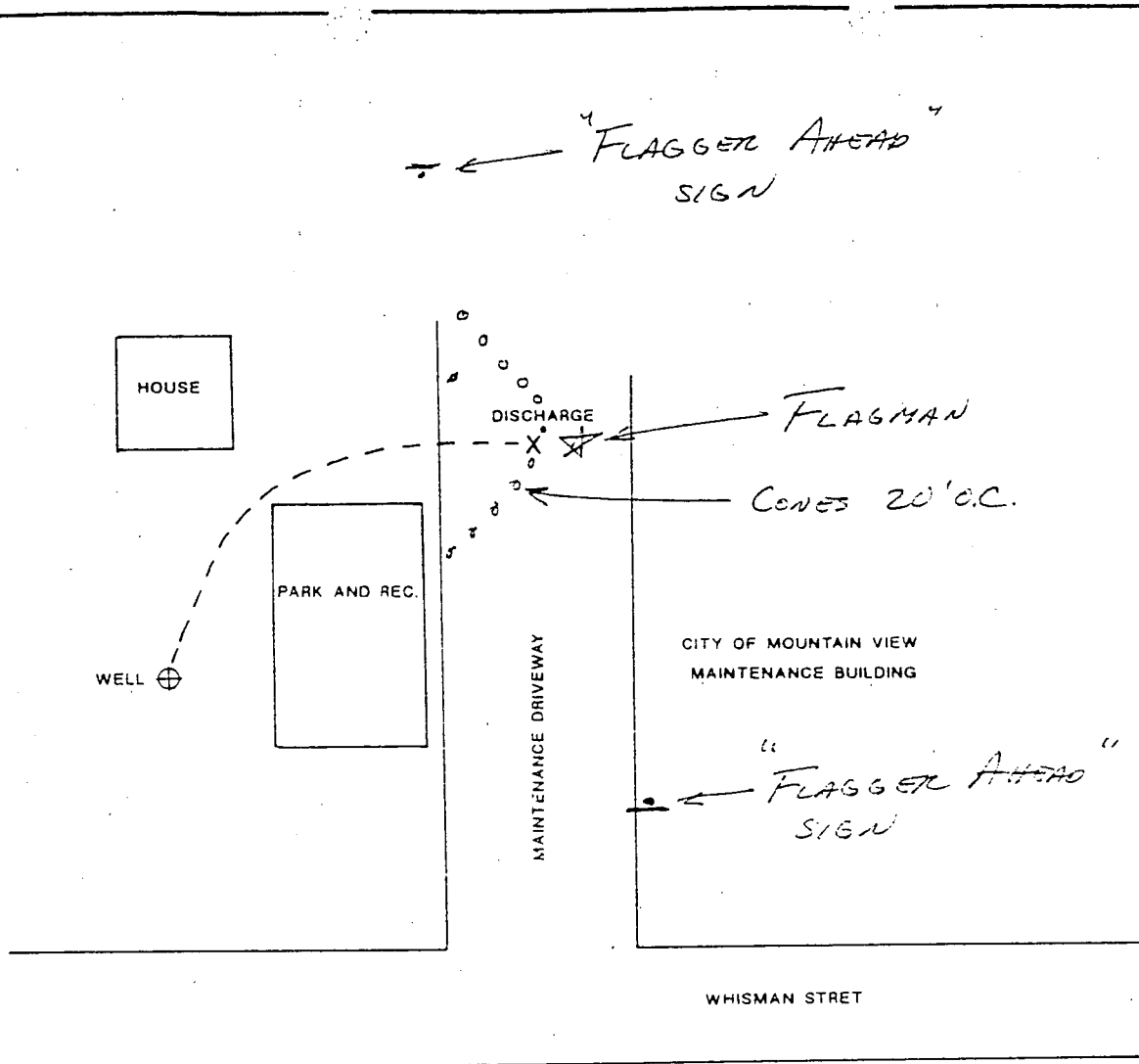
MOUNTAIN VIEW WELL ABANDONMENT



RIEDEL ENVIRONMENTAL
SERVICES, INC.

NOT TO SCALE

DRAWN BY		CHK'D / DATE			DRAWING NO.	2
DATE		APPR. / DATE			PROJECT NO.	9786



*Approved shown
 R. Belluomini
 2/24/89*

PARKS AND RECREATION

WELL LOCATION MAP

MOUNTAIN VIEW WELL ABANDONMENT



RIEDEL ENVIRONMENTAL
 SERVICES, INC.

NOT TO SCALE

DRAWN BY		CHK'D / DATE		DRAWING NO.	3
DATE		APPR. / DATE		PROJECT NO.	9786



Environmental Systems Division

Ecology & Environment, Inc.
160 Spear Street
San Francisco, CA 94105

February 6, 1989
Acurex ID: 8902009
Client PO: 37052
Page 1 of 6

Attention: Larry Baczeski

Subject: Analysis of 4 Water Samples, Received 2/2/89.

Water samples were analyzed for purgeable halocarbons according to U.S. EPA Method 601 (Federal Register, Volume 49 No. 209, Oct. 26, 1984; Page 29). Results are presented in Table 1. The method can be summarized as follows:

Helium is bubbled through a 5-mL water sample contained in a specially designed purging chamber at ambient temperature. The purgeable halogenated organic compounds are efficiently transferred from the aqueous phase to the vapor phase. The vapor is swept through a sorbent column where the purgeables are trapped. After purging is completed, the sorbent column is heated and back flushed with helium to desorb the purgeables onto a gas chromatographic column. The gas chromatograph is temperature programmed to separate the purgeables that are then detected with a Hall detector.

Water samples were analyzed for purgeable aromatic compounds according to U.S. EPA Method 602 (Federal Register, Volume 49 No. 209, Oct. 26, 1984; Page 40). Results are presented in Table 2. The method can be summarized as follows:

Helium is bubbled through a 5-mL water sample contained in a specially designed purging chamber at ambient temperature. The purgeable aromatic organic compounds are efficiently transferred from the aqueous phase to the vapor phase. The vapor is swept through a sorbent column where the purgeables are trapped. After purging is completed, the sorbent column is heated and back flushed with helium to desorb the purgeables onto a gas chromatographic column. The gas chromatograph is temperature programmed to separate the purgeables which are then detected with a PID detector.

E & E

8902009

Page 2 of 6

If you should have any technical questions, please contact Susan M. Schrader at (415) 961-5700.

Submitted by: Billington
Claudia Hidahl
GC Supervisor

Approved by: Susan M. Schrader
Susan M. Schrader
Client Services Manager

These results were obtained by following standard laboratory procedures; the liability of Acurex Corporation shall not exceed the amount paid for this report. In no event shall Acurex be liable for special or consequential damages.

E & E

8902009

Page 3 of 6

Table 1. Purgeable Halocarbon Results

Ecology & Environment Sample ID

	<i>S.V. 93</i> MV-1	<i>Blank</i> MV-2	<i>Blank</i> MV-3	<i>Blank</i> MV-4	Storage Blank
601 Compounds	ug/L	ug/L	ug/L	ug/L	ug/L
Dichlorodifluoromethane	<0.5	<0.5	<0.5	<0.5	<0.5
Chloromethane	<0.5	<0.5	<0.5	<0.5	<0.5
Vinyl Chloride	<0.5	<0.5	<0.5	<0.5	<0.5
Bromomethane	<0.5	<0.5	<0.5	<0.5	<0.5
Chloroethane	<0.5	<0.5	<0.5	<0.5	<0.5
Trichlorofluoromethane	<0.5	<0.5	<0.5	<0.5	<0.5
1,1-Dichloroethane	<0.5	<0.5	<0.5	<0.5	<0.5
Methylene Chloride	<0.5	<0.5	<0.5	<0.5	<0.5
trans-1,2-Dichloroethene	<0.5	<0.5	<0.5	<0.5	<0.5
1,1-Dichloroethane	<0.5	<0.5	<0.5	<0.5	<0.5
cis-1,2-Dichloroethene	<0.5	<0.5	<u>1.2</u>	<u>0.2</u>	<0.5
Chloroform	<0.5	<0.5	<0.5	<0.5	<0.5
1,1,1-Trichloroethane	<0.5	<0.5	<0.5	<0.5	<0.5
Carbon Tetrachloride	<0.5	<0.5	<0.5	<0.5	<0.5
1,2-Dichloroethane	<0.5	<0.5	<0.5	<0.5	<0.5
Trichloroethene	<u>13</u>	<0.5	<0.5	<0.5	<0.5
1,2-Dichloropropane	<0.5	<0.5	<0.5	<0.5	<0.5
Bromodichloromethane	<0.5	<0.5	<0.5	<0.5	<0.5
2-Chloroethylvinyl ether	<0.5	<0.5	<0.5	<0.5	<0.5
cis-1,3-Dichloropropene	<0.5	<0.5	<0.5	<0.5	<0.5
trans-1,3-Dichloropropene	<0.5	<0.5	<0.5	<0.5	<0.5
1,1,2-Trichloroethane	<0.5	<0.5	<0.5	<0.5	<0.5
Tetrachloroethene	<0.5	<0.5	<0.5	<0.5	<0.5
Dibromochloromethane	<0.5	<0.5	<0.5	<0.5	<0.5
Chlorobenzene	<0.5	<0.5	<0.5	<0.5	<0.5
Bromoform	<0.5	<0.5	<0.5	<0.5	<0.5
1,1,2,2-Tetrachloroethane	<0.5	<0.5	<0.5	<0.5	<0.5
1,3-Dichlorobenzene	<0.5	<0.5	<0.5	<0.5	<0.5
1,4-Dichlorobenzene	<0.5	<0.5	<0.5	<0.5	<0.5
1,2-Dichlorobenzene	<0.5	<0.5	<0.5	<0.5	<0.5

Date Analyzed: 2/3/89 2/3/89 2/3/89 2/3/89 2/3/89

Surrogate

Percent Recoveries (%)

Bromochloromethane: 78 78 83 84 76

E & E
8902009
Page 4 of 6

Table 1. Purgeable Halocarbon Results

Ecology & Environment Sample ID		
	Spike	Dup Spike
601 Compounds	% Recov	% Recov
Dichlorodifluoromethane	62	75
Chloromethane	NS	NS
Vinyl Chloride	NS	NS
Bromomethane	NS	NS
Chloroethane	NS	NS
Trichlorofluoromethane	NS	NS
1,1-Dichloroethane	68	76
Methylene Chloride	NS	NS
trans-1,2-Dichloroethene	86	93
1,1-Dichloroethane	NS	NS
cis-1,2-Dichloroethene	100	120
Chloroform	NS	NS
1,1,1-Trichloroethane	NS	NS
Carbon Tetrachloride	72	97
1,2-Dichloroethane	NS	NS
Trichloroethene	100	99
1,2-Dichloropropane	NS	NS
Bromodichloromethane	NS	NS
2-Chloroethylvinyl ether	NS	NS
cis-1,3-Dichloropropene	NS	NS
trans-1,3-Dichloropropene	NS	NS
1,1,2-Trichloroethane	NS	NS
Tetrachloroethene	66	77
Dibromochloromethane	NS	NS
Chlorobenzene	84	96
Bromoform	NS	NS
1,1,2,2-Tetrachloroethane	NS	NS
1,3-Dichlorobenzene	NS	NS
1,4-Dichlorobenzene	NS	NS
1,2-Dichlorobenzene	62	77

Date Analyzed: 2/3/89 2/3/89

Surrogate Percent Recoveries (%)

Bromochloromethane: 102 151

NS - Not spiked

E & E

8902009

Page 5 of 6

Table 2. Purgeable Aromatic Results

Ecology & Environment Sample ID

	MV-1	MV-2	MV-3	MV-4	Storage Blank
	ug/L	ug/L	ug/L	ug/L	ug/L
602 Compounds					
Benzene	<0.5	<0.5	<0.5	<0.5	<0.5
Toluene	<0.5	<0.5	<0.5	<0.5	<0.5
Chlorobenzene	<0.5	<0.5	<0.5	<0.5	<0.5
Ethylbenzene	<0.5	<0.5	<0.5	<0.5	<0.5
1,3-Dichlorobenzene	<0.5	<0.5	<0.5	<0.5	<0.5
1,4-Dichlorobenzene	<0.5	<0.5	<0.5	<0.5	<0.5
1,2-Dichlorobenzene	<0.5	<0.5	<0.5	<0.5	<0.5
Date Analyzed:	2/3/89	2/3/89	2/3/89	2/3/89	2/3/89
Surrogate	Percent Recoveries (%)				
Bromofluorobenzene:	90	91	82	78	79

E & E

8902009

Page 6 of 6

Table 2. Purgeable Aromatic Results (Continued)

Ecology & Environment Sample ID

	Spike	Dup Spike
602 Compounds	% Recov	% Recov
Benzene	NS	NS
Toluene	NS	NS
Chlorobenzene	110	120
Ethylbenzene	NS	NS
1,3-Dichlorobenzene	NS	NS
1,4-Dichlorobenzene	NS	NS
1,2-Dichlorobenzene	72	110
Date Analyzed:	2/3/89	2/3/89
Surrogate	Percent Recoveries (%)	
Bromofluorobenzene:	84	111

NS - Not spiked



CITY OF MOUNTAIN VIEW

MUNICIPAL OPERATIONS CENTER

Telephone: (415) 966-6329

231 North Whisman Road

Post Office Box 7540

Mountain View, CA 94039

INDUSTRIAL WASTE DISCHARGE PERMIT

CERTIFICATION ADDENDUM

PERMIT NUMBER

1. Name:	United States Environmental Protection Agency	89002
Address:	215 Fremont Street, San Francisco, California	94105
Address at point of discharge:	[1] 231 North Whisman Road, [2] 42 Sherland Avenue	
Contact person:	William E. Lewis, On-Scene Coordinator	
Telephone:	(415) 974-7464	

I certify that the exceptional industrial wastes for which the attached industrial waste discharge permit is issued do not and will not constitute "hazardous waste" under chapter 6.5 of the State of California Health and Safety Code (sections 25115 and 25117) and Title 22 of the State Of California Administrative Code (sections 66680 through and including 66746) at the point of discharge into the City of Mountain View sanitary sewer collection system. I am personally qualified to make this certification or I have consulted with a professional who is qualified to make this certification.

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- ☐ 3. I am a duly authorized representative of the individual designated in box 1 or box 2 (above) if such representative has overall responsibility for the discharges permitted in the attached industrial waste discharge permit.

Signature of official listed above

Title of official listed above

Date

2. Please complete the following if box 3 (above) was checked:

Signature of official described in
box 1 or 2 authorizing official
listed above (box 3)

Title of official described in box
1 or 2 authorizing official listed
above (box 3)

Date

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

	<u>PERMIT #89002</u>	<u>SIGNATURE DATE</u>	<u>COMMENTS</u>
<input checked="" type="checkbox"/>	Permit	March 7, 1989	
<input type="checkbox"/>	Certification addendum		
<input type="checkbox"/>	End of permit period report		

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

<u>DATE</u>	<u>DEPOSIT/BILL</u>	<u>RECEIPT #</u>	<u>BALANCE</u>	<u>ADDRESS</u>	<u>NAME</u>
March 3, 1989	+\$28.56	61626	\$28.56	[1] 231 N. Whisman Rd. [2] 42 Sherland Ave. (Riedel Environmental Services, Inc.)	D. Montgomery

Rates shall be in amounts fixed by resolution or ordinance of the city council.
(Ord. No. 175.339, 10/17/55; Ord. No. 49.64, 6/8/64; Ord. No. 28.70, 7/27/70; Ord. No. 1.75, 1/13/75; Ord. No. 37.77, 5/9/77; Ord. No. 9.87, 6/9/87; Ord. No. 10.87, 6/30/87; Ord. No. 16.87, 9/8/87.)

DIVISION 3. WATER CONSERVATION.¹

SEC. 35.28.1.
through
SEC. 35.28.9. Repealed by Ord. No. 5.78, 2/14/78.

SEC. 35.28.9.1. Renumbered Sec. 8.2.12 by Ord. No. 5.78, 2/14/78.

SEC. 35.28.10.
through
SEC. 35.28.16. Repealed by Ord. No. 5.78, 2/14/78.

ARTICLE III. PROVISIONS PERTAINING TO SEWER SERVICE AND SEWAGE DISPOSAL²

DIVISION I. GENERALLY.

SEC. 35.29. Definitions.

For the purpose of this article, the following words and phrases shall be as defined herein. Words, terms and phrases used in this chapter not otherwise defined shall be as defined in the latest edition of Standard Methods for the

¹ Water conservation, Division 3, adopted by Ord. No. 30.77, 4/25/77; amended by Ord. Nos. 65.77, 11/28/77 and 2.78, 1/9/78; repealed by Ord. No. 5.78, 2/14/78.

² For state law as to authority of cities to construct, etc., sewers and drains, see Gov. C. 38900. As to sanitation and sewage systems, see H. & S. C. 5470, et seq.

Examination of Water and Wastewater, published by the American Public Health Association:

Average concentration of a substance shall mean the total daily discharge weight of the substance divided by the total daily wastewater volume at the point of discharge.

Building drain shall mean that part of the lowest horizontal piping of a drainage system which receives the discharge from soil, waste, and other drainage pipes inside the walls of the building and conveys it to the building sewer, beginning two feet outside the inner face of the building wall.

Building sewer shall mean the extension from the building drain to the public sewer or other place of disposal.

Cesspool shall mean a lined or partially lined underground pit into which raw sanitary sewage is discharged and which is designed to retain solids but permits liquids to seep through the bottom and sides.

Director of maintenance shall mean the director of the maintenance department of the City of Mountain View or his administrative authority.

Director of public works shall mean the director of public works of the City of Mountain View or his administrative authority.

Discharger shall mean any person who discharges, causes, or permits the discharge of industrial waste into a city sewer.

Garbage shall mean solid wastes from the preparation, cooking, and dispensing of food, and from the handling, storage, and sale of produce.

Industrial wastes shall mean any liquid wastes and liquid borne wastes from industrial and/or commercial processes, as distinct from domestic or sanitary sewage.

Interceptor shall mean a receptacle or trap designed and constructed to intercept, separate and prevent the passage of prohibited substances into the sewer system.

Natural outlet shall mean any outlet into a watercourse, pond, ditch, lake or other body of surface or ground water.

New sources shall mean sources of industrial waste that commence discharging subsequent to the effective date of this ordinance.

Nuisance shall mean damage to the community resulting from prohibited practices in the disposal of sewage or industrial wastes.

Organic solvent shall mean any solvent which contains carbon in its molecular structure.

Person shall mean any individual, partnership, firm, association, corporation, organization, or public agency.

Point of discharge shall mean the point at which any private sewer joins a public sewer lateral.

Premise as used herein refers to and shall include a lot, parcel of land, building or establishment.

Private sewer is a sewer privately owned and not directly controlled by public authority.

Public sewer shall mean a sewer which is controlled by public authority.

Sanitary sewage shall mean water-carried wastes from residences, business property, institutions and industrial property excluding ground, surface, storm waters and industrial wastes.

Septic tank shall mean a water tight receptacle into which raw sanitary sewage is discharged and which is designed to retain solids, to digest organic matter, and to allow the liquid effluent to discharge into the soil through a system of open joint piping or a seepage pit meeting the requirements set forth in the Uniform Plumbing Code (latest edition).

Sewage shall mean industrial wastes, or sanitary sewage, or any combination thereof.

Sewage treatment plant shall mean any arrangement of devices and structures used for treating sanitary sewage and industrial wastes.

Sewer shall mean a pipe or conduit for carrying sewage.

Sewer system shall mean all sewers, pumping stations, treatment plants and other facilities for carrying, collecting, treating and disposing of sanitary sewage and industrial wastes from the City of Mountain View.

Shall, may. Shall is mandatory. May is permissive.

Storm sewer or storm drain shall mean a sewer which carries storm and surface waters and drainage, but excludes sanitary sewage and prohibited industrial wastes.

Storm water shall mean the flow in sewers resulting from rain water.

Unpolluted water shall mean water to which no constituent has been added, either intentionally or accidentally, that would render such water unacceptable for disposal to storm or natural drainages or directly to surface waters.

Watercourse shall mean a channel in which a flow of water occurs, either continuously or intermittently. (Ord. No. 27.73, 8/27/73; Ord. No. 41.79, 11/13/79; Ord. No. 23.82, 12/14/82.)

SEC. 35.30. Service to premises outside city.

No premises situated outside of the corporate limits of the city shall be connected to, or serviced by, the sewer system of the city, except such governmental agencies or political subdivisions as the city council shall, within its discretion, authorize by resolution. Such authorized outside connection or service shall only be on such terms and conditions as shall be specified in an agreement between such governmental agency or political subdivision and the city, and approved by the city council. (Ord. No. 27.73, 8/27/73.)

SEC. 35.31. City to have exclusive right to conduct service.

The city shall own and operate its own sewer system and shall have the exclusive right to conduct sewer operations and regulate sewer services in the city. Service to a premises owned, used, occupied or operated by or on behalf of another governmental agency or political subdivision, whether such service is a new service or the reconnection of an already existing private service shall require council authorization by resolution and shall be on such terms and conditions as shall be specified in an agreement between

such governmental agency or political subdivision and the city, and approved by the city council. (Code 1938, Sec. 132; Ord. No. 27.73, 8/27/73; Ord. No. 26.81, 12/14/81.)

SEC. 35.31.1. Right of entry for inspection.

Whenever the director of public works, or any authorized representative of the city shall have cause to suspect that a nuisance exists in any house, cellar, enclosure, or building, he may demand entry therein in the daytime, and if the owner or occupant shall refuse or delay to open the same and admit a free examination, such refusal or delay shall constitute a misdemeanor. (Ord. No. 175.638, 11/28/60; Ord. No. 27.73, 8/27/73.)

SEC. 35.31.2. Discharge of sewers required generally.

All sewage shall be discharged to public sewers except as provided in this chapter. (Ord. No. 175.638, 11/28/60; Ord. No. 27.73, 8/27/73.)

SEC. 35.31.3. Discharge to natural outlets.

It shall be unlawful to discharge to any natural outlet any sanitary sewage, other waters, industrial wastes, petroleum products, coal tar, or any refuse substance arising from the manufacture of gas from coal or petroleum, except where no sewers are available, as hereinafter defined, and permission is granted by the director of public works, as provided in the next paragraph.

Where no sewer is available, the director of public works may grant permission for the discharge to a natural outlet of storm waters, sanitary sewage, industrial wastes or other waters, subject to such standards of quality, quantity and rate of discharge as the director of public works and the regional water quality control board may prescribe.

The director of public works may require that unpolluted cooling water or other unpolluted water be discharged to a natural outlet. (Ord. No. 175.638, 11/28/60; Ord. No. 27.73, 8/27/73.)

SEC. 35.31.4. Connection to public sewer system required; exceptions.

(a) Except as provided in Sec. 35.38, every separate dwelling, store, restaurant, hotel, rooming house, apartment

house, or other place of business shall have a separate connection to the public sewer system, when available, as hereinafter defined in subsection (d) of this section, except that upon written authorization by the director of public works, two or more buildings on the same lot may be served by the same connection. Where no public sewer is available, connection may be made to an approved private sewage disposal system, upon written authorization of the director of public works.

(b) No person shall connect to the public sewer system until a permit therefor shall have been obtained in accordance with the provisions of Sec. 35.37.

(c) Within the limits prescribed by subsection (d) of this section, the rearrangement or subdivision into smaller parcels of a lot which abuts and is served by a public sewer shall not be deemed cause to permit the construction of a private sewage disposal system, and all plumbing or drainage systems on any such smaller parcel or parcels shall connect to the public sewer.

(d) The public sewer may be considered as not being available when such public sewer is located more than two hundred (200) feet from any proposed building or exterior drainage facility to be served thereby.

(e) No permit shall be issued for the installation, alteration or repair of any private sewage disposal system or part thereof, on any lot for which a connection with a public sewer is available.

(f) On every lot or premises hereafter connected to a public sewer, all plumbing and drainage systems or parts thereof on such lot or premises shall be connected with such public sewer; except that single-family dwellings and buildings or structures accessory thereto, existing and connected to a private sewage disposal system prior to the time of connecting the premises to a public sewer may, when no hazard, nuisance or unsanitary condition is evidenced and written permission has been obtained from the director of public works, remain connected to such private sewage disposal system when there is insufficient grade or fall to permit drainage to the sewer by gravity.

(Ord. No. 175.638, 11/28/60; Ord. No. 35.69, 9/8/69; Ord. No. 27.73, 8/27/73.)

SEC. 35.31.5. Compliance with other regulations.

No statement contained in this article shall be construed to interfere with any additional requirements that may be imposed by the county health officer, the Environmental Protection Agency, the Regional Water Quality Control Board, or with Chapter 24. (Ord. No. 175.638, 11/28/60; Ord. No. 27.73, 8/27/73; Ord. No. 41.79, 11/13/79.)

SEC. 35.31.6. Discharge of storm waters, surface waters and subsurface waters.

No person shall discharge or cause to be discharged any storm waters, surface waters, roof runoff or subsurface drainage to any sanitary sewer.

Storm waters, surface waters, and subsurface waters shall be discharged to such sewers as are specifically designed as storm sewers, or to a natural outlet approved by the director of public works. Unpolluted industrial cooling water may be discharged to a storm sewer if approved by permit from the director of public works. (Ord. No. 175.638, 11/28/60; Ord. No. 27.73, 8/27/73.)

SEC. 35.31.7. Tampering with public sewers.

No unauthorized persons shall uncover, make any connections with or opening into, use, alter, or disturb any public sewer or appurtenance thereof without first obtaining a written permit from the director of public works. (Ord. No. 175.638, 11/28/60; Ord. No. 27.73, 8/27/73.)

SEC. 35.31.8. Use of garbage grinders in individual dwelling units.

Garbage, fruits, vegetables, animal or other solid kitchen waste materials from individual dwelling units resulting from the preparation of any food or drink may be admitted to the sanitary sewer if first passed through a mechanically operated grinder so designed:

(a) That it will operate with cold water flowing into the grinder and through the sink drain line in such manner as to congeal and aerate the solid and liquid greases within the grinding unit.

(b) That it shall discharge wastes at a reasonably uniform rate in fluid form, which shall flow readily through

an approved trap, drain line or soil line in a manner which prevents clogging or stoppage of the drain line.

(c) That it shall be of such construction and have such operating characteristics that not more than five (5) percent by weight of all material discharged from it shall have any dimension larger than one-fourth (1/4) inch.

(d) That it shall be self-scouring, with no fouling surfaces to cause objectionable odors.

(e) That it shall be free from electrical or mechanical hazards and shall adequately protect the user against injury during operation.

(f) That the installation shall be free from cross-connection to any water pipe.

(g) That the entire installation shall comply in all particulars with the provisions of the plumbing and electrical codes of the city.

The final decision as to the sufficiency of the design to meet these requirements shall rest with the director of public works.

(Ord. No. 175.638, 11/28/60; Ord. No. 27.73, 8/27/73.)

SEC. 35.31.9. Summary of abatement of certain nuisances.

Whenever the director of public works, or any duly authorized representative of the city, finds that a nuisance exists which is an actual menace to public health and safety, he may abate the same forthwith. (Ord. No. 175.638, 11/28/60.)

SEC. 35.31.10. Damage to sewer apparatus.

It shall be unlawful for any person to maliciously, willfully, or negligently break, damage, destroy, uncover, deface or tamper with any structure, appurtenance, or equipment which is a part of the municipal sewage works. (Ord. No. 175.638, 11/28/60; Ord. No. 27.73, 8/27/73.)

SEC. 35.31.11. Civil liability for results of violations.

Any person violating any of the provisions of this division shall become liable to the city for any expense,

loss or damage occasioned the city by reason of such violation. (Ord. No. 175.638, 11/28/60; Ord. No. 27.73, 8/27/73.)

DIVISION 2. INDUSTRIAL WASTES.

SEC. 35.32. Responsibility of the director of maintenance.

The director of maintenance shall be responsible for the administration and enforcement of the provisions of this article, for conducting an industrial waste source control program, and for promulgating such orders, rules and regulations as are necessary to accomplish the purposes of this article in accordance with the requirements that are or may be promulgated by the Environmental Protection Agency, the State Water Resources Control Board, the Regional Water Quality Control Board for the San Francisco Bay region or other duly authorized boards or agencies. (Ord. No. 27.73, 8/27/73; Ord. No. 41.79, 11/13/79; Ord. No. 23.82, 12/14/82.)

SEC. 35.32.1. Industrial wastes discharge permit.

(a) It shall be unlawful for any person or organization to discharge or cause to be discharged any industrial wastes whatsoever directly or indirectly into the sewer system without first obtaining a permit for industrial wastes discharge. The director of maintenance may establish an appropriate fee for such permits. Furthermore, it shall be unlawful for any person to discharge any industrial wastes in excess of the quantity or quality limitations set by this chapter or by a permit for industrial wastes discharge.

(b) A discharger may request permission to discharge prohibited wastes or wastes containing concentrations of substances or characteristics in excess of those permitted by this chapter, hereinafter referred to as exceptional industrial wastes.

(c) The director of maintenance may authorize a discharger by permit to discharge exceptional industrial wastes when the permit will not result in a violation of any of the prohibited effects described in Sec. 35.32.9 of this Code, and the city is compensated for any costs it incurs including any expense in determining whether such discharge is compatible with the sewer system.

(d) The permit for any industrial wastes discharge may require pretreatment of industrial wastes before discharge, restrict peak flow discharges, prohibit discharge of certain wastewater components, restrict discharge to certain hours of the day, require payment of additional charges to defray increased costs to the city created by the wastewater discharge and impose such other conditions as may be required to effectuate the purpose of this chapter.

(e) No permit for industrial wastes discharge is transferable without the prior written consent of the director of maintenance.

(f) Any person or organization desiring to discharge wastes or use facilities which are not in conformance with their industrial wastes permit shall apply for an amended permit.

(Ord. No. 27.73, 8/27/73; Ord. No. 41.79, 11/13/79; Ord. No. 23.82, 12/14/82.)

SEC. 35.32.2. Industrial wastes discharge permit procedure.

(a) Applicants for a permit for any industrial wastes discharge shall complete and submit for each point of discharge an application form available at the public works office of the city. The director of maintenance shall establish the contents of said form and may require additional information on the characteristics of the wastewater discharge beyond that required on the application form.

(b) The application shall be approved if the applicant has complied with all requirements of this chapter, furnished all requested information, and the director of maintenance determines that there are adequate devices, equipment, chemicals and other facilities to convey, treat and dispose of the industrial wastes.

(Ord. No. 27.73, 8/27/73; Ord. No. 41.79, 11/13/79; Ord. No. 23.82, 12/14/82.)

SEC. 35.32.3. Suspension or revocation of industrial wastes discharge permit.

(a) Any permit for industrial wastes discharge may be revoked, or suspended by the director of maintenance for a period not to exceed forty-five (45) days, in addition to

other remedies provided by law, when such action is necessary to stop a discharge that presents a hazard to the public health, safety, welfare, natural environment, sewer system or that violates this chapter.

(b) Any discharger notified of the city's intent to revoke or suspend the discharger's permit shall immediately cease and desist the discharge of all industrial wastes or such portion of said wastes as will eliminate the wrongful discharge of industrial wastes into the sewer system pending any hearing that the discharger may request as set forth in Sec. 35.32.4 of this Code.

(c) The director of maintenance shall reissue or reinstate any industrial wastes permit upon proof of satisfactory compliance with all discharge requirements. (Ord. No. 27.73, 8/27/73; Ord. No. 41.79, 11/13/79; Ord. No. 23.82, 12/14/82.)

SEC. 35.32.4. Permit denial, revocation or suspension hearing.

(a) Every industrial wastes discharger shall have, upon request, an informal hearing before the city manager, or his delegate, before the industrial wastes permit application is denied, or the permit is revoked or suspended.

(b) The director of maintenance shall give the industrial wastes discharger applicant or permit holder ten (10) days written notice of intent to deny the application, or to revoke or suspend the discharger's permit. The notice shall set forth specifically the ground or grounds for the director of maintenance's intention to deny, revoke, or suspend and shall inform the applicant or permit holder that it shall have ten (10) days from the date of receipt of the notice to file a written request for an informal hearing before the city manager or his delegate. The application shall be denied or the permit shall be revoked or suspended if a hearing request is not received within the ten (10) day period.

(c) If the applicant or permit holder files a timely hearing request, the city manager, or his delegate, shall set a time and place for the hearing within five (5) working days from the receipt of the request. All parties involved shall have the right to offer testimony and other evidence bearing on the issue and to be represented by counsel. The

decision of the city manager, or his delegate, whether to deny the application or revoke or suspend the permit shall be final.

(Ord. No. 27.73, 8/27/73; Ord. No. 41.79, 11/13/79; Ord. No. 23.82, 12/14/82.)

SEC. 35.32.5. Waste sampling locations.

(a) Every establishment from which industrial wastes are discharged to the sewer system shall provide or maintain one (1) or more outside manholes, access boxes, junction chambers or other sampling points approved by the director of maintenance which will permit the separate sampling of sanitary and industrial wastes. The director of maintenance may approve sampling points which will permit the separate sampling of industrial wastes only for establishments existing on the effective date of this ordinance. Sanitary and industrial wastes shall be kept completely separated upstream of such sampling points. Establishments that are billed for sewer service on the basis of sewage effluent constituents shall provide a suitable means for sampling to determine billing constituents in accordance with Mountain View City Code Sec. 35.33.1. Sampling points shall be so located that they are safe and accessible to city inspectors at any reasonable time during working hours. (Ord. No. 27.73, 8/27/73; Ord. No. 41.79, 11/13/79; Ord. No. 23.82, 12/14/82.)

SEC. 35.32.6. Trucker's discharge permit.

(a) All persons operating vacuum or "cesspool" pump trucks or other liquid waste transport trucks desiring to discharge septic tank, seepage pit, interceptor or cesspool contents, industrial liquid wastes or other liquid wastes to the sewer system shall first acquire a trucker's discharge permit from the City of Palo Alto.

(b) Truck-transported liquid wastes shall be discharged only at locations specified by the superintendent of the utilities department of the City of Palo Alto for the specific waste. The City of Palo Alto shall require payment for treatment and disposal costs or may refuse permission to discharge certain prohibited wastes.

(Ord. No. 27.73, 8/27/73; Ord. No. 41.79, 11/13/79; Ord. No. 23.82, 12/14/82.)

SEC. 35.32.7. Confidentiality.

(a) Any information submitted to the director of maintenance pursuant to this ordinance may be claimed as confidential by the submitter. Any such claim must be asserted at the time of submission in the manner prescribed on the application form or, in the case of other submissions, by stamping the words "Confidential Business Information" on each page containing such information. Information submitted prior to the inclusion of this section in the ordinance may be withdrawn and replaced by submittal stamped "Confidential Business Information." If no such claim is made at the time of submission or within ninety (90) days after this section becomes effective, the information may be made available to the public without further notice.

(b) Information and data provided to the director of maintenance pursuant to this section which is obtained through sampling of industrial waste discharged into the city's sewer system shall be available to the public without restriction.

(c) All other information which is submitted to the director of maintenance and which is not claimed as confidential, all as described in (a) above, shall be made available to the public.

(d) A discharger may be prohibited from discharging a substance unless its composition is made known to the director of maintenance.
(Ord. No. 27.73, 8/27/73; Ord. No. 23.82, 12/14/82.)

SEC. 35.32.8. Accidental discharges.

(a) Each discharger shall provide adequate protection to prevent accidental discharge of prohibited materials or other wastes regulated by this chapter. Where directed by the director of maintenance, the discharger shall install retention basins, dikes, storage tanks or other facilities designed to eliminate, neutralize, offset or otherwise negate the effects of prohibited materials or wastes that may be discharged in violation of this chapter.

(b) Dischargers shall notify the director of maintenance and the Palo Alto water quality control plant immediately when accidental discharges of wastes in violation of this chapter occur so that countermeasures may be taken to minimize damage to the sewer system, treatment plant, treatment processes and the receiving water. Such notification

shall not relieve any discharger of liability for any expense to the city, including but not limited to costs for countermeasures, loss or damage to the sewer system, treatment plant, or treatment process, or for any fines imposed on the city on account of such accidental discharge, or for damages incurred by any third party.

(c) In the event of an accidental discharge in violation of this chapter, discharger shall furnish to the city, within fifteen (15) days from the date of occurrence, a detailed written statement describing the causes of the accidental discharge and the measures being taken to prevent future occurrence. Such information shall be used for the purpose of achieving compliance and shall not be used for prosecution of the accidental discharge violation. (Ord. No. 27.73, 8/27/73; Ord. No. 41.79, 11/13/79; Ord. No. 23.82, 12/14/82.)

SEC. 35.32.9. Prohibited effects.

Wastes discharged into the sewer system shall not have characteristics which by themselves or by interaction with other wastes may:

- (a) Endanger public health and safety;
- (b) Cause damage to the sewer system;
- (c) Create nuisance such as odors or coloration;
- (d) Result in extra cost of collection, treatment or disposal;
- (e) Inhibit or disrupt any wastewater treatment process;
- (f) Prevent, hinder, delay or impede compliance with effluent quality requirements established by regional, state or federal regulatory agencies, or exceed the same; or
- (g) Cause wastewater quality to fall outside reclamation feasibility limits.

(Ord. No. 27.73, 8/27/73; Ord. No. 41.79, 11/13/79.)

SEC. 35.32.10. Character of wastes.

Wastes prohibited from discharge to the city's sewer system without permit are as follows:

- (a) Biochemical oxygen demand (B.O.D.). The average B.O.D. concentration of discharged wastes shall not exceed 400 mg/liter.

(b) Chemical oxygen demand (C.O.D.). The average C.O.D. concentration of discharged wastes shall not exceed 1,000 mg/liter.

(c) Dyes. Wastes showing excessive coloration shall not be discharged into the sewer system. Excessive coloration shall be defined as any coloration in a waste which for any wavelength displays less than sixty (60) percent the light transmissibility of distilled water under the following conditions:

- (1) After filtration through a 0.45-micron membrane filter
- (2) In the pH range of 5.5 to 10.0
- (3) Through a one-centimeter light path
- (4) A maximum spectrum band width of 10 millimicrons
- (5) Through the wavelength range from 400 to 800 microns

(d) Explosives. No solids, liquids, or gases which by themselves or by interaction with other substances may create fire or explosion hazards shall be discharged. Discharge of any explosive substances shall be unlawful. Flammable substances including, but not limited to, acetone, alcohols, benzene, gasoline, xylene, hexane and naphtha, shall not be discharged into the sewer system. Where flammable substances are used in processes, separate collection and disposal outside the sewer system shall be provided.

(e) Grease and oil. Grease and/or oil shall not be discharged into the sewer system if the average concentration of floatable oil and/or grease (defined as that which is subject to gravity separation at a temperature of 20°C. and pH of 4.5) exceed 20 mg/liter nor shall the total oil and/or grease concentration exceed 200 mg/liter.

(f) Hydrogen ion concentration. The pH of wastes discharged to the sewer system shall at all times be within the range of 5.5 to 10.0.

(g) Noxious or malodorous substances. No industrial waste shall be discharged which alone or in combination with other wastes may create a public nuisance, hazard, or make human entry into the sewers abnormally hazardous. Mercaptans and dissolved sulfides shall not be discharged in concentrations exceeding 0.1 mg/liter.

(h) Organic solvents. Organic solvents shall not be discharged into the sewer system.

(i) Radioactivity. The discharge of radioactive wastes into the sewer system shall conform to the requirements of California Radiation Control Regulations, Title 17, California Administrative Code, Chapter 5, Subchapter 4 or as subsequently amended.

(j) Solids.

(1) Inert solids. The discharge of inert solids including but not limited to sand, glass, metal chips, bone, plastics, etc., into the sewer is prohibited. Settling chambers or treatment works shall be installed where necessary to prevent the entry of inert solids into the sewer system.

(2) Solid particles. Industrial wastes shall not contain particulate matter which will not pass through a 1/2 inch screen, provided that this subsection shall not apply to sanitary sewage from industrial establishments.

(3) Suspended solids. The average concentration of suspended solids shall not exceed 300 mg/liter nor shall the maximum concentration of suspended solids exceed 1,000 mg/liter.

(4) Total solids. The average concentration of total solids shall not exceed 1,500 mg/liter and the maximum concentration of total solids shall not exceed 5,000 mg/liter.

(k) Stored liquid wastes. Liquid wastes that have been collected and held in tanks or containers shall not be discharged into the sewer system except at locations authorized by the director of maintenance to collect such wastes. Wastes of this category include but are not limited to:

- (1) Septic tank pumpings;
- (2) Chemical toilet wastes;
- (3) Trailer, camper, housecar or other recreation vehicle wastes;
- (4) Pleasure boat wastes;
- (5) Industrial wastes collected in containers or tanks.

(l) Storm water. No storm water, roof or yard drainage, foundation or underdrainage shall be discharged into the sewer system, nor shall any plumbing or piping be connected in such a manner as to make possible the discharge of storm waters.

(m) Temperature. Temperature of wastewater at the point of discharge shall not exceed 120°F. except that for periods of time limited to thirty minutes and for flows limited to 30 gallons per minute, a temperature of 150°F. may be permitted.

(n) Toxicity. Toxic discharges include, but are not limited to, heavy metals, cyanides, phenols, bactericides, antibiotics and insecticides.

(1) The following is a nonexclusive list of toxic substances and the maximum concentration allowed for each for discharge into the sewer system of 50,000 gallons per day or less. For discharges greater than 50,000 gallons per day, the maximum concentration allowed shall be one-half the values in the table:

<u>Toxicant</u>	<u>Maximum Concentration allowable</u>
Arsenic	0.1 mg/liter
Barium	5.0 mg/liter
Beryllium	1.0 mg/liter
Boron	1.0 mg/liter
Cadmium	0.1 mg/liter
Chromium, Hexavalent	1.0 mg/liter
Chromium total	2.0 mg/liter
Cobalt	1.0 mg/liter
Copper	2.0 mg/liter
Cresols	2.0 mg/liter
Cyanides	1.0 mg/liter
Formaldehyde	5.0 mg/liter
Lead	0.5 mg/liter
Manganese	1.0 mg/liter
Mercury	0.05 mg/liter
Nickel	1.0 mg/liter
Phenols	1.0 mg/liter
Selenium	2.0 mg/liter
Silver	5.0 mg/liter
Zinc	5.0 mg/liter

(2) Fluoride. The maximum concentration allowable of fluoride for discharge into the sewer system shall be 5.0 mg/liter.

(o) Unpolluted water. Unpolluted water, including but not limited to cooling water or process water, shall not be discharged through direct or indirect connection to a city sewer unless a permit is issued by the director of maintenance. The director of maintenance may approve the discharge of such water only when no reasonable alternative method of disposal is available. If a permit is granted for the discharge of such water into a city sewer, the user shall pay the applicable charges and fees and shall meet such other conditions as required by the city. (Ord. No. 27.73, 8/27/73; Ord. No. 41.79, 11/13/79; Ord. No. 23.82, 12/14/82.)

SEC. 35.32.11. Discharger self-monitoring.

The director of maintenance may require the discharger to conduct a reasonable sampling and analysis program of discharger's industrial waste of a frequency and type required by the director of maintenance to demonstrate compliance with the industrial waste requirements of this chapter. The director of maintenance may require the industrial discharger to have samples analyzed, at discharger's expense, by a laboratory approved by the State of California Department of Health for such analyses. If compliancy is demonstrated, samples shall not be required more frequently than quarterly. (Ord. No. 41.79, 11/13/79; Ord. No. 23.82, 12/14/82.)

SEC. 35.32.12. Personnel orientation.

Holders of industrial waste discharge permits shall take necessary steps to inform appropriate personnel employed by such permit holders of the provisions of Sections 35.32.8, 35.32.9, and 35.32.10 of this chapter.

Such personnel shall include workers and supervisors whose duties pertain in any manner to the production or disposal of wastes regulated by this chapter.

Steps to inform such personnel shall include orientation of newly employed or assigned personnel, annual orientation of all appropriate personnel, and posting at work stations with signs indicating approved disposition of wastes. (Ord. No. 41.79, 11/13/79.)

SEC. 35.32.13. Damage to facilities.

When a discharge causes an obstruction, damage, or any other impairment to city facilities, the city may assess a charge against the discharger to reimburse the city for costs incurred to clean or repair the facility. (Ord. No. 41.79, 11/13/79.)

SEC. 35.32.14. Limitations on point of discharge.

No person shall discharge any substances directly into a manhole or other opening in a city sewer, other than through an approved building sewer. (Ord. No. 41.79, 11/13/79.)

SEC. 35.32.15. Civil penalties.

Any person who intentionally or negligently violates any provision of this article or any provision of any permit issued pursuant to said article shall be civilly liable to the city in a sum of not to exceed six thousand dollars (\$6,000.00) for each day in which such violation occurs. The city may petition the Superior Court pursuant to Government Code 54740 to impose, assess, and recover such sums. The remedy provided in this section is cumulative and not exclusive, and shall be in addition to all other remedies available to the city. (Ord. No. 41.79, 11/13/79.)

SEC. 35.32.16. Conflicts with EPA requirements.

In the event of conflicts between the discharge requirements established in this article and future Environmental Protection Agency (EPA) discharge requirements, the more restrictive limitation shall apply. (Ord. No. 41.79, 11/13/79.)

SEC. 35.32.17. Construction requirements.

Sewers shall be constructed in accordance with the City of Mountain View Standard Specifications and Chapter 35 of the Mountain View City Code. (Ord. No. 41.79, 11/13/79.)

SEC. 35.32.18. Standards for other industrial wastes.

The director of maintenance may establish standards for any industrial waste not specifically referred to in this chapter. Said standards shall be published in a newspaper of general circulation in the City of Mountain View and

shall be made available to any person requesting a copy of said standards. (Ord. No. 41.79, 11/13/79; Ord. No. 23.82, 12/14/82.)

SEC. 35.32.19. Compliance schedule.

In the event that an industrial wastes discharge permit holder should be affected by a newly promulgated waste discharge standard, such permit holder shall be granted a time schedule for the installation of technology required to meet the applicable Pretreatment Standards and Requirements; provided, however, that during such time for compliance, existing provisions of this ordinance shall not be violated. (Ord. No. 23.82, 12/14/82.)

SEC. 35.32.20. New sources.

(a) New sources of industrial waste discharge shall be in full compliance with the provisions of this ordinance at the time of commencement of discharge.

(b) Discharges, the characteristics of which have been altered due to process changes by a discharger, shall be considered new sources and such discharges shall be in compliance with provisions of the ordinance at the time of commencement of the altered discharge.
(Ord. No. 23.82, 12/14/82.)

SEC. 35.32.21. Public notification of violations.

At least annually at the beginning of the city's fiscal year, notice shall be provided in the largest local daily newspaper listing those industrial users that were found to have significantly violated the provisions of the ordinance during the previous twelve (12) months. For the purpose of this provision, a significant violation is: a violation which remains uncorrected forty-five (45) days after notification; a violation that is a part of a pattern of noncompliance over a twelve (12) month period; a violation that involves a failure to accurately report noncompliance; a violation that results in permit revocation or suspension; results in damage to public facilities; or a violation that results in civil penalties. (Ord. No. 23.82, 12/14/82.)

DIVISION 3. SERVICE CHARGES.

SEC. 35.33. Service charges within the city.

Every person whose premises in the city are served by a connection with the sewer system of the city, whereby sanitary sewage or industrial waste, or either or both, are disposed of by the city, through the facilities of the Regional Water Quality Control Plant, shall pay sewer service charges in amounts fixed by resolution or ordinance of the city council, except that:

(a) Industrial, commercial and unclassified, unusual conditions, in accordance with the following terms and conditions: with the consent and approval of the city manager, the maintenance director may, upon a finding by him that the premises in question exert an excessive burden upon the sewer system of the city, select an appropriate rate for each specific discharger. In determining appropriate rates to be charged to industrial, commercial, and unclassified, unusual conditions, the maintenance director shall be guided by the cost of waste water disposal based on volume and on treatment of chemical oxygen demand, suspended solids, and ammonia. Said costs shall include treatment plant costs, collection system costs, debt service, and depreciation. (Ord. No. 175.522, 2/24/59; Ord. No. 69.64, 9/14/64; Ord. No. 7.67, 3/27/67; Ord. No. 22.69, 6/30/69; Ord. No. 28.70, 7/27/70; Ord. No. 27.73, 8/27/73; Ord. No. 1.75, 1/13/75; Ord. No. 37.77, 5/9/77; Ord. No. 41.79, 11/13/79; Ord. No. 2.81, 6/8/81; Ord. No. 9.82, 5/25/82; Ord. No. 23.82, 12/14/82; Ord. No. 13.83, 6/14/83; Ord. No. 14.84, 5/30/84; Ord. No. 13.85, 5/28/85; Ord. No. 9.87, 6/9/87; Ord. No. 10.87, 6/30/87; Ord. No. 16.87, 9/8/87.)

SEC. 35.33.1. Determination of water quality charges.

Each industrial or unclassified customer that discharges 25,000 gallons per day (approximately 100,000 cubic feet per month) or discharges wastes that exert a greater-than-normal burden on the sewerage system shall be subject to sampling of said water by the city semiannually. Sampling shall consist of at least one 24-hour composite sample of waste water collected at six-month intervals.

Once each year, in the month of July, the results of the two prior semiannual samples shall be averaged and shall provide the basis for water quality charges as set forth in Sec. 35.33. Additional samples may be collected by the city or may be collected by the dischargers in a manner approved

by the director of maintenance whenever such additional samples are determined by the director of maintenance to be necessary to obtain data that adequately represents the average quality of waste water discharged.
(Ord. No. 41.79, 11/13/79; Ord. No. 23.82, 12/14/82.)

SEC. 35.34. How payable; failure to pay.

The sewer service charges herein specified shall be charged, collected and enforced in the same manner, at the same time, and by the same persons as are the charges for water furnished by the city, and the amount thereof shall be included in the total amount due for water furnished by the city. In the event the premises are not furnished with water by the city, the amount of the charges shall be billed separately. All provisions of this chapter applicable to the charge, collection and enforcement of rates for water furnished by the city are hereby made applicable to the sewer service charges provided for in this division.

It shall be unlawful for any person to fail or refuse to pay the sewer service charges herein provided for, or any part thereof.
(Ord. No. 175.522, 2/24/59; Ord. No. 27.73, 8/27/73; Ord. No. 41.79, 11/13/79.)

SEC. 35.35. Disposition of funds.

All moneys received from the collection of the sewer service charges as hereby authorized and provided shall be deposited with the city finance officer who shall keep a separate and distinct fund and account to be known as the "Sewer Revenue Fund." This fund shall be used only for the following purposes, in the order set forth:

(1) The reasonable current maintenance and operation costs of the sewer system of the city, which costs include the reasonable expenses of management, operation, maintenance and repair and other expenses necessary to maintain and preserve the sewer system in good repair and working order;

(2) The payment of all or any part of the cost and expense of acquiring, extending, constructing or reconstructing, or improving the sanitary sewer system and facilities of the city, or any part thereof, including the servicing of any bonds issued for such purposes, necessary for the proper operation of the sewer system;

(3) The creation of a surplus fund to provide for the payment of costs of maintenance and operation, or the acquisition, construction or reconstruction of sewerage facilities, or the repayment of federal or state loans or advances made to the city for the construction or reconstruction of sewerage facilities.

(Ord. No. 175.522, 2/24/59; Ord. No. 27.73, 8/27/73; Ord. No. 41.79, 11/13/79.)

ARTICLE IV. CONNECTIONS AND CONNECTION CHARGES.

SEC. 35.36. Opening sewer and sewer pipe to curb line.

Each sewer connection shall include opening the sewer and sewer pipe to curb line. (Code 1938, Sec. 138.)

SEC. 35.37. Authority and supervision; application; charges generally.

a. Water and sewer service connections may be made only by or under the authority of the city and under the supervision and to the satisfaction of the public works director of the city. Such connections shall be made upon the filing of an application therefor with the department of public works and the payment of the prescribed charge.

b. The applicable charge to be paid for a sewer or water service connection shall be in amounts fixed by resolution or ordinance of the city council.
(Ord. No. 175.425, 8/12/57; Ord. No. 175.601, 3/28/60; Ord. No. 92.63, 8/12/63; Ord. No. 7.67, 3/27/67; Ord. No. 18.71, 5/24/71; Ord. No. 35.74, 10/28/74; Ord. No. 3.78, 1/9/78; Ord. No. 10.80, 3/24/80; Ord. No. 8.81, 7/27/81; Ord. No. 16.82, 8/10/82; Ord. No. 17.83, 7/26/83; Ord. No. 19.84, 7/31/84; Ord. No. 22.85, 8/27/85; Ord. No. 9.87, 6/9/87; Ord. No. 10.87, 6/30/87; Ord. No. 16.87, 9/8/87.)

SEC. 35.38. Minimum requirements.

a. Except as provided in subsections b. and c. of this section, there shall be at least one water connection with separate meter, one sewer connection and garbage receptacles as required by ordinances of the city for the collection of garbage and rubbish to each separate dwelling, store, restaurant, hotel, rooming house, apartment house or other place of business in this city.

b. When approved in writing by the director of public works, any parcel of land in one ownership may be served water through one or more meters subject to the condition that the owner signs an agreement to pay the entire municipal services bill (as defined in Sec. 35.1) within fifteen (15) days of billing. Such agreement shall be recorded and shall be a covenant running with the land, and shall bind all future heirs and assigns of the owner.

c. In the case of common (or combined common and separate) ownership developments such as condominiums, cooperatives, cluster developments and planned unit developments, all buildings in the development may be served through one or more sewer connections and one or more water meters subject to the following conditions:

1. Written approval shall be secured from the director of public works.

2. The association shall sign an agreement to pay the entire municipal services bill within fifteen (15) days of billing. Such agreement shall be recorded and shall be a covenant running with the land, and shall bind all future heirs and assigns of the association.

3. The association shall provide and maintain security in a form acceptable to the city attorney, sufficient at any and all times to guarantee payment of said municipal services bill for a period of six (6) months. (Code 1938, Sec. 146; Ord. No. 175.772, 8/13/62; Ord. No. 35.69, 9/8/69; Ord. No. 7.70, 3/30/70.)

SEC. 35.39. To be made by authorized persons only.

Only duly appointed representatives of the city, or persons duly authorized by the city, shall tap or otherwise connect with any water main, or connect with any sewer. (Code 1938, Sec. 135.)

SEC. 35.40. Maintenance and repair.

The city will maintain and keep in repair every such service connection, provided the failure of such service or the injury thereto rendering repairs necessary was not caused by the improper act or omission of the owner or tenant served by such connection. (Code 1938, Sec. 140.)

SEC. 35.41. Additional charges; basis for determination of cost.

In addition to the connection charges provided for in Sec. 35.37 where the property to be served fronts on an existing water or sewer main, applicant shall pay to the city in advance an amount equal to one-half the installation cost of that portion of the water or sewer main, or both, upon which the property fronts, unless such amount is determined by the director of public works to be less than the amount which equitably represents the property's share of the cost of water or sewer mains needed to serve the property. If such a determination is made, the director of public works shall calculate that amount which equitably represents that property's share of such costs, which new amount the applicant shall then pay. In all cases, the director of public works shall make his determination of cost on the basis of sewer and water mains not less than eight inches in diameter. (Ord. No. 175.425, 8/12/57; Ord. No. 3.80, 1/28/80.)

SEC. 35.42. Off-site facilities charge.

An applicant for sewerage service shall pay in advance, in addition to the amounts otherwise provided in this article, an off-site facilities charge computed by the director of public works at the rate of three hundred (300) dollars per acre of the property to be served. (Ord. No. 175.425, 8/12/57; Ord. No. 7.67, 3/27/67.)

SEC. 35.42.1. Disposition of charges and fees.

All moneys now held, or to be received, from the collection of the charges and fees provided for in this article, shall be deposited by the director of finance in the "sewer revenue fund" if relating to sewer connections or extensions, and in the appropriate "water fund" if relating to water connections or extensions. (Ord. No. 175.617, 6/27/60.)

SEC. 35.43. Waiver of fees in certain cases.

Upon the application of any governmental agency or political subdivision, any charitable institution, or any other person for water or sewer service connections, the city council may, upon determining that the public interest and convenience will be served thereby, by resolution, waive

such of the fees and charges provided for in this chapter as it shall deem reasonable under the circumstances. (Ord. No. 175.448, 12/9/57.)

SEC. 35.44. Right of access to premises by representatives of city for purpose of inspection.

Duly authorized representatives of the city shall for the purpose of inspection have the right of access, at all reasonable hours, to any premises having water or sewer connections with the city systems. (Code 1938, Sec. 142.)

SEC. 35.45. Application for building permit to be simultaneous with water and sewer connection application.¹

All applicants for building permits shall apply simultaneously for water and sewer service connection permits. (Ord. No. 175.87, 3/2/49.)

¹ As to building permits generally, see Chap. 8 of this Code.